## PATENT COOPERATION TREATY

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# INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or age	ent's file reference	FOR FURTHER ACT	TON	See Form PCT/IPEA/416
100700.0040P				,
International appl	ication No.	International filing date (a	lay/month/year)	Priority date (day/month/year)
PCT/US04/25026		03 August 2004 (03.08.20		08 August 2003 (08.08.2003)
	· · ·	or national classification and	IPC	
USPC: 426/11,4	1/00( 2007.01) 42			
Applicant				
MITOCHROMA	RESEARCH, INC.			
Exam	ining Authority unde	r Article 35 and transmitt	ed to the applicant ac	
2. This I	REPORT consists of	a total of $\frac{1}{2}$ sheets, inclu	iding this cover sheet	
3. This r	eport is also accompa	anied by ANNEXES, con	nprising:	
a	(sent to the applica	nt and to the Internationa	al Bureau) a total of _	sheets, as follows:
	this report ar		ectifications authorize	we been amended and are the basis of ed by this Authority (see Rule 70.16
	that goes bey			ority considers contain an amendment tion as filed, as indicated in item 4 of
b	, containin	g a sequence listing an Supplemental Box Re	d/or tables related t	thereto, in electronic carrier(s)) thereto, in electronic form only, as Listing (see Section 802 of the
4. This r	eport contains indica	tions relating to the follow	wing items:	
$\boxtimes$	Box No. I Ba	sis of the report		
	Box No. II Pr	iority		
$\boxtimes$		on-establishment of opinion	on with regard to nov	elty, inventive step and industrial
	- ·	ck of unity of invention		
		t .		regard to novelty, inventive step or supporting such statement
		ertain documents cited	•	5
	Box No. VII Ce	ertain defects in the intern	ational application	
	Box No. VIII Ce	ertain observations on the	international applicat	tion
Date of submissi	on of the demand		Date of completion of	of this report
10 August 2005 (1	0.08.2005)		26 November 2006 (26	5.11.2006)
Name and mailing	address of the IPEA/ U	JS	Authorized officer	٨
	PCT, Attn: IPEA/US			June 18 Joseph
P.O. Box			Brian Kwon	Janue Ford
Alexandr Facsimile No. (57)	ia, Virginia 22313-1450 1) 273-3201		Telephone No. 571-27	72-1600
	9 (cover sheet)(April 20	005)		//

International application No.	
PCT/US04/25026	

Box No	. I Basis of the report
1. With	regard to the language, this report is based on:
$\boxtimes$	the international application in the language in which it was filed.
	a translation of the international application into, which is the language of a translation furnished for the purposes of:
	international search (under Rules 12.3 and 23.1(b))
	publication of the international application (under Rule 12.4(a))
	international preliminary examination (under Rules 55.2(a) and/or 55.3(a))
to the	regard to the <b>elements</b> of the international application, this report is based on (replacement sheets which have been furnished a receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not used to this report):
$\bowtie$	the international application as originally filed/furnished
$\boxtimes$	the description:
	pages 1-36 as originally filed/furnished pages* NONE received by this Authority on
	pages* NONE received by this Authority on
	the claims:
	pages 37-41 as originally filed/furnished
	pages* NONE as amended (together with any statement) under Article 19
	pages* NONE received by this Authority on
	pages* NONE received by this Authority on
	the drawings:
	pages NONE as originally filed/furnished
	pages* NONE received by this Authority on
	pages* NONE received by this Authority on
	a sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing.
3.	The amendments have resulted in the cancellation of:
	the description, pages
	the claims, Nos
	the drawings, sheets/figs
	the sequence listing (specify):
	any table(s) related to the sequence listing (specify):
4.	This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
	the description, pages
	the claims, Nos
	the drawings, sheets/figs
	the sequence listing (specify):
	any table(s) related to the sequence listing (specify):
± 10 ·	
* If item	4 applies, some or all of those sheets may be marked "superseded."

Form PCT/IPEA/409 (Box No. I) (April 2005)

International application No.

PCT/US04/25026

Box No. III Non-establishment of opinion with regard to novelty, in	ventive step and industrial applicability
The questions whether the claimed invention appears to be novel, to involvindustrially applicable have not been examined in respect of:	ve an inventive step (to be non obvious), or to be
the entire international application	
Claims Nos. <u>1-5 and 7-43</u>	•
because:	
the said international application, or the said claim Nos re not require an international preliminary examination (specify):	elate to the following subject matter which does
F.	
the description, claims or drawings (indicate particular elements unclear that no meaningful opinion could be formed (specify):	below) or said claims Nos. 1-5 and 7-43 are so
Claims 1-5, 7-43 relate to an extremely large number of compounds, compositions "cytokinin comprises a purine portion or a pyrimidine portion" or "a naturally occur glycoside". Support within the meaning of Article 6 PCT and/or disclosure within thowever, for only a very small proportion of the compounds or compositions claim and the application so lacks disclosure, that a meaningful search over the whole of search has been carried out for those parts of the claims which appear to be support dihydrozeatin and acetylguanine.	the meaning of Article 5 PCT is to be found, and a cytokine the meaning of Article 5 PCT is to be found, and. In the present case, the claims so lack support, the claimed scope is impossible. Consequently, the
the claims, or said claims Nos are so inadequately suppopinion could be formed (specify):	ported by the description that no meaningful
no international search report has been established for said claims	s Nos

International application No.	

Во	x No.	. IV	Lack of unity of invention
1.		In res	ponse to the invitation to restrict or pay additional fees the applicant has, within the applicable time limit:  restricted the claims.  paid additional fees.  paid additional fees under protest, and, where applicable, the protest fee  paid additional fees under protest but the applicable protest fee was not paid  neither restricted the claims nor paid additional fees
2.			Authority found that the requirement of unity of invention is not complied with and chose, according to Rule not to invite the applicant to restrict or pay additional fees.
3.	This	compl	rity considers that the requirement of unity of invention in accordance with Rules 13.1, 13.2 and 13.3 is: lied with.  Implied with for the following reasons:
4.	Cons	all p	ly, this report has been established in respect of the following parts of the international application:  parts  parts relating to claims Nos

Form PCT/IPEA/409 (Box No. IV) (April 2005)

International application No. PCT/US04/25026

1. Statement		
Novelty (N)	Claims NONE	YE
	Claims 6	
Inventive Step (IS)	Claims NONE	YE
* ` ′	Claims 6	
Industrial Applicability (IA)	Claims 6	7.7
	Claims <u>6</u> Claims <u>NONE</u>	
Document D2 (WO 03/059076 A2) teaches a com- reservation of fruits, vegetables, partially process	position comprising cytokins such as kinetin and zer	atin that is useful for the
Claim 6 do not meet Novelty and Inventive Step of ally disclosed in the prior art references. With results the second with most of the second in the prior art references. With most one that it is a second indication that is a second	criteria under PCT Article 33(2)-(3) since the subject spect to information or labeling instructing use of a coodulation of lipoid metabolism" does have any pater the known the report in utility of said companition	omposition for "modulation of table weight since the printed
Claim 6 do not meet Novelty and Inventive Step of all y disclosed in the prior art references. With results of the prior art references with mean action of the label or other informational indication.	criteria under PCT Article 33(2)-(3) since the subject	omposition for "modulation of table weight since the printed
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